IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
WANG et al.)) Group Art Unit: 1647
Application No.: 09/804,625) Examiner: D. Romeo
Filed: March 9, 2001) Confirmation No.: 2656
For: BMP PRODUCTS))
)

Assistant Commissioner for Patents Washington, DC 20231

BOX: PETITIONS

Sir:

APPLICATION FOR PATENT TERM ADJUSTMENT UNDER 35 U.S.C. § 1.705

Applicants have received the Notice of Allowance dated January 24, 2007, advising that this application is entitled to thirty-six (36) days of Patent Term Adjustment. A copy of this document is enclosed for your reference. Applicants submit that the adjustment set forth in the Notice of Allowance is incorrect, and that the correct patent term adjustment should be ninety-eight (98) days. Applicants are therefore timely filing this Application for Patent Term Adjustment under 37 C.F.R. § 1.705 before payment of the issue fee.

This application was filed on March 9, 2001. The period for adjustment under 37 C.F.R. § 703(a)(1) is 340 days, not the 278 days listed on the Patent Term Adjustment History provided in PAIR and used to reach the 36 day adjustment term calculated by the Patent Office.

STATEMENT OF FACTS

The error in the patent term adjustment provided with the Notice of Allowance is a result of a phantom entry in the PAIR transaction history. The transaction history on PAIR shows the issuance of two Requirements for Restriction/Election, one dated February 11, 2003 and a second dated April 14, 2003. However, Applicants received only one, dated April 14, 2003 and containing an additional cover sheet dated February 11, 2003. This paper was received by Applicants on April 22, 2003. Applicants note that the Restriction Requirement of April 14, 2003 does not reference a prior Requirement, confirming that the February 11, 2003 Restriction Requirement was never issued. Copies of Transaction History, the Image File Wrapper Index, and the Patent Term Adjustment History obtained from PAIR, along with the April 14, 2003 Restriction Requirement are attached.

When the Office calculated the patent term adjustment available under 37 C.F.R. § 1.703(a)(1) (the number of days in the period beginning on the day after the date that is 14 months from the application filing date), the February 11, 2003 date was used as the mailing date of the first action under 35 U.S.C. § 132. This resulted in a 37 C.F.R. § 1.703(a)(1) adjustment of 278 days. Applicants submit that this calculation is incorrect because the February 11, 2003 Restriction Requirement was never mailed, as evidenced by its absence in the Patent Office's or Applicants' files anywhere other than as an extra cover sheet in the Restriction Requirement of April 14, 2003. Applicants submit that the first action under 35 U.S.C. § 132 was mailed on April 14, 2003. Using the April 14, 2003 Restriction Requirement as the first action under 35 U.S.C. 132, the adjustment period under 7 C.F.R. § 1.703(a)(1) is 340 days.

TERMINAL DISCLAIMER AND EXPIRATION DATE

Applicants note that this application is subject to a terminal disclaimer over U.S. Patent No. 5,166,058, which will expire on November 24, 2009. Without patent term adjustment, any patent granted off the instant application would expire on April 8, 2008, and with the requested 98 days of term adjustment, it would expire on July 15, 2008. Therefore, the terminal disclaimer over U.S. Patent No. 5,166,058 will not affect the expiration date of a patent granted off the instant application.

CONCLUSION

In light of the facts set forth above, Applicants request that this patent expiration date be adjusted by 98 days to accurately reflect the delay on the part of the Office. Applicants enclose \$200.00 to cover the fee set forth in 37 C.F.R. § 1.18(e) for filing this request. Please charge any deficiencies to our Deposit Account No. 06-0916. If there are any other fees due in connection with the filing of this request, please also charge such fees to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: March 12, 2007

Elizabeth E. Mathiesen

Reg. No. 54,696

Attachments:

- Notice of Allowance
- Transaction History (PAIR 03/05/07)
- Image File Wrapper Index (PAIR 03/05/07)
- Restriction Requirement of 04/14/03 (PAIR 03/05/07)

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

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01/24/2007

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP 901 NEW YORK AVENUE, NW WASHINGTON, DC 20001-4413

EXA	MINER
ROMEG	D, DAVID S
ART UNIT	PAPER NUMBER
1647	

DATE MAILED: 01/24/2007

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
•	09/804.625	03/09/2001	Elizabeth A. Wang	5160C-CON	2656

TITLE OF INVENTION: NOVEL BMP PRODUCTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	04/24/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
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If the SMALL ENTITY is shown as NO:

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- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 22852 7590 01/24/2007 FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER bereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. WASHINGTON, DC 20001-4413 (Depositor's name (Signature (Date FIRST NAMED INVENTOR APPLICATION NO. FILING DATE ATTORNEY DOCKET NO. CONFIRMATION NO. 09/804,625 03/09/2001 Elizabeth A. Wang 5160C-CON TITLE OF INVENTION: NOVEL BMP PRODUCTS ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE APPLN, TYPE SMALL ENTITY TOTAL FEE(S) DUE DATE DUE NO \$1400 \$300 \$0 \$1700 nonprovisional 04/24/2007 **EXAMINER** ART UNIT **CLASS-SUBCLASS** ROMEO, DAVID S 1647 435-069100 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. listed, no name will be printed. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🚨 Corporation or other private group entity 🔲 Government 4a. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) ☐ Issue Fee A check is enclosed. ☐ Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number ______ (enclose an extra copy of this for Advance Order - # of Copies (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Typed or printed name Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/804,625	03/09/2001	Elizabeth A. Wang	5160C-CON	2656		
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901 NEW YORK WASHINGTON, I	AVENUE, NW DC 20001-4413	1647 DATE MAILED: 01/24/200	7			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

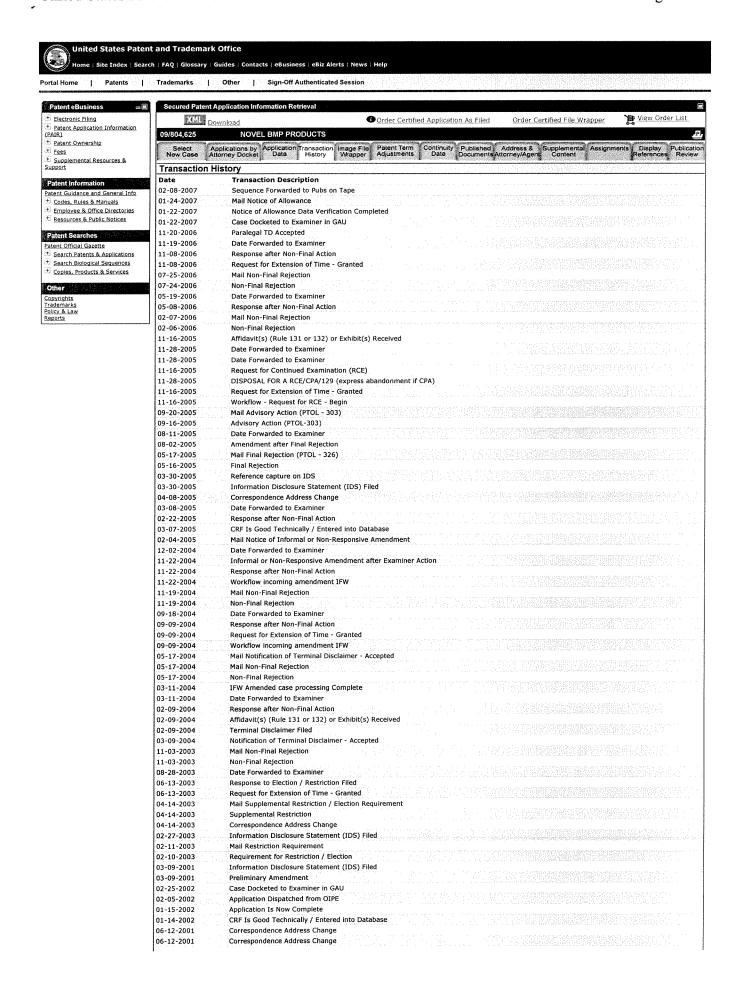
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 36 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 36 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

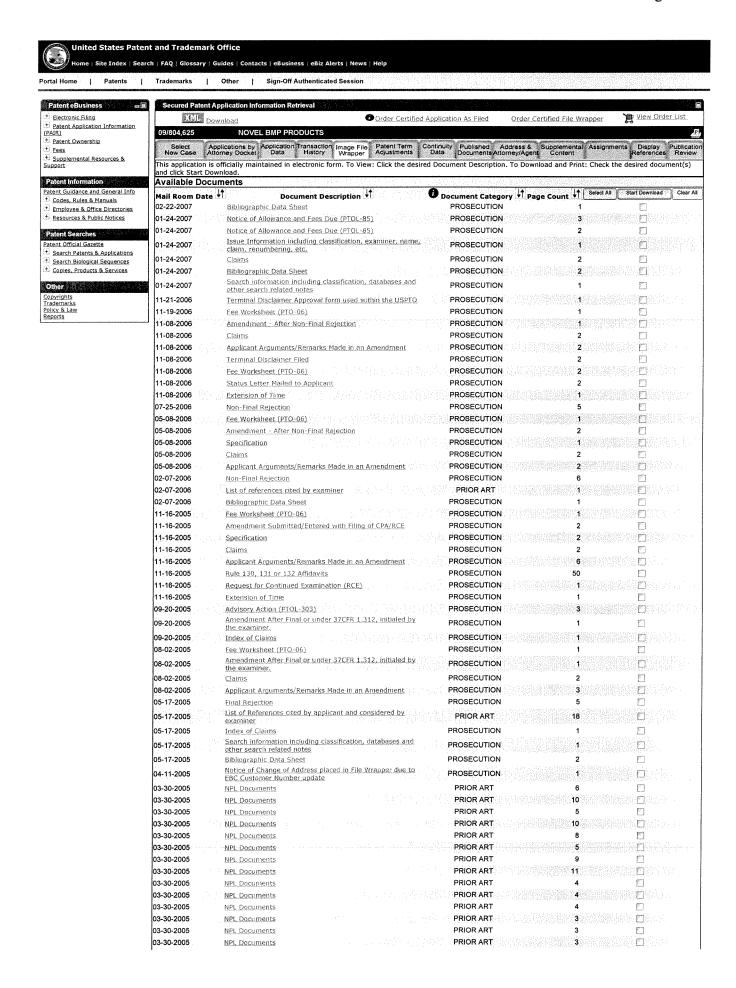
Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.



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03-28-2001	IFW Scan & PACR Auto Security Review
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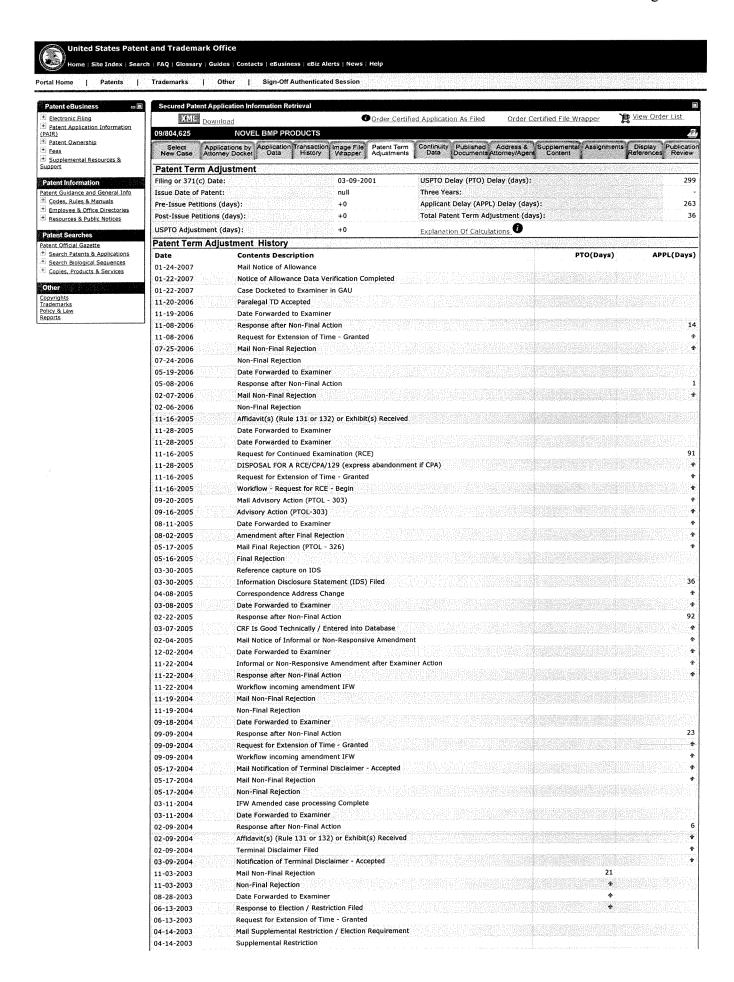
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03-09-2001	Preliminary Amendment #
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01-15-2002	Application Is Now Complete
01-14-2002	CRF Is Good Technically / Entered into Database
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03-09-2001	Initial Exam Team on

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/804,625	03/09/2001	Elizabeth A. Wang	5160C-CON	2656
	590 04/14/2003 LIENDED CONLEAD		with the same of t	
•	HENDERSON, FAR	EXAMINER		
1300 I STREET	TD DUNNER, LLP F, N.W. N, DC 20005-3315	ROMEO, DAVID S		
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		1647		

DATE MAILED: 04/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



APR 2 2 2003

FINNEGAN, HENDERSON, FARABOW, GARRETT AND DUNNER, LLP

Docketed 04-22-03 Attorney LAM EEM
Case 087-02-0539-02

Due Date 05-14-03 WERT
Action RESP DUE

By (MS)

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PTO-90C (Rev. 07-01)



United States Patent and Trademark Office

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/804,625 03/09/2001		Elizabeth A. Wang	5160C-CON 2656	
75	590 02/11/2003			
	ne Products Corporat	EXAMINER		
	mark Office - 2B	ROMEO, DAVID S		
One Campus Drive Parsippany, NJ 07054			ART UNIT	PAPER NUMBER
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			DATE MAILED: 02/11/2003	0

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)			
	09/804,625	WANG ET AL.			
Office Action Summary	Examiner	Art Unit			
	David S Romeo	1647			
The MAILING DATE of this communication ap Period for Reply	ppears on the cover sheet w	th the correspondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status					
1) Responsive to communication(s) filed on 29	<u>March 2001</u> .				
2a)☐ This action is FINAL . 2b)⊠ Th	nis action is non-final.				
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims					
4) Claim(s) 24-49 is/are pending in the application	on.				
4a) Of the above claim(s) is/are withdra	wn from consideration.				
5) Claim(s) is/are allowed.					
6)☐ Claim(s) is/are rejected.					
7)☐ Claim(s) is/are objected to.					
8) Claim(s) <u>24-49</u> are subject to restriction and/or election requirement. Application Papers					
9)☐ The specification is objected to by the Examine	.r				
10) The drawing(s) filed on is/are: a) accept		e Evaminer			
Applicant may not request that any objection to the	, ,				
11)☐ The proposed drawing correction filed on		Sapproved by the Examiner.			
If approved, corrected drawings are required in rep		Dispersion by the Examiner.			
12) The oath or declaration is objected to by the Ex	aminer.				
Priority under 35 U.S.C. §§ 119 and 120					
13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).					
a) ☐ All b) ☐ Some * c) ☐ None of:					
1. Certified copies of the priority documents have been received.					
2. Certified copies of the priority documents have been received in Application No					
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).					
* See the attached detailed Office action for a list of the certified copies not received.					
14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).					
 a) ☐ The translation of the foreign language provisional application has been received. 15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. 					
Attachment(s)					
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449) Paper No(s)	5) Notice of Inf	Immary (PTO-413) Paper No(s) ormal Patent Application (PTO-152)			

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Art Unit: 1647

Total Commence

DETAILED ACTION

The preliminary amendment mailed March 9, 2001 (Paper No. 6) has been entered.

The numbering of claims is not in accordance with 37 CFR 1.126 which requires the original numbering of the claims to be preserved throughout the prosecution. When claims are canceled, the remaining claims must not be renumbered. When new claims are presented, they must be numbered consecutively beginning with the number next following the highest numbered claims previously presented (whether entered or not).

Misnumbered claims 47-50 have been renumbered 46-49, respectively.

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Claims 24-49 are pending.

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

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I. Claims 24-26, 29, 30, 33, 35, 36, 38, 39, 41, 42, to the extent that they are drawn to a polynucleotide encoding amino acids 299-396 of Figure 2, classified in class 536, subclass 23.5.

drawn to a polynucleotide encoding amino acids 311-408 of Figure 3, classified in

Claims 24, 27, 28, 31, 32, 34, 35, 37, 38, 40, 41, 43, to the extent that they are

class 536, subclass 23.5.

III.

II.

Claims 44-48, drawn to a polypeptide comprising amino acids 299-396 of Figure 2, classified in class 530, subclass 300.

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IV. Claim 49, drawn to an antibody that binds a polypeptide comprising amino acids299-396 of Figure 2, classified in class 530, subclass 387.1.

The inventions are distinct, each from the other because of the following reasons:

The following pairwise combinations of products are independent and distinct, wherein neither member of a pair is required for the production or use of the other, and wherein each of the pair can be manufactured independently of the other and/or used for independent and distinct purposes: I and II; II and each of III and IV.

The polynucleotides of Invention I are related to the polypeptides of Invention III by virtue of encoding same. The polynucleotide has utility for the recombinant production of the polypeptide in a host cell. Although the polynucleotide and polypeptide are related since the polynucleotide encodes the specifically claimed polypeptide, they are distinct inventions because they are physically and functionally distinct chemical entities, and the polypeptide product can be made by another and materially different process, such as by synthetic polypeptide synthesis or purification form the natural source. Further, the polynucleotide may be used for processes other than the production of the polypeptide, such as a nucleic acid hybridization assay.

The polynucleotide of invention I and the antibody of Invention IV are related by virtue of the polypeptide that is encoded by the polynucleotide and necessary for the production of the antibody. However, the polynucleotide itself is not necessary for antibody production and both are wholly different compounds having different compositions and functions. Therefore, these inventions are distinct.

The polypeptide of invention III is related to the antibody of Invention IV by virtue of being the cognate antigen, necessary for the production of the antibody. Although the

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polypeptide and antibody are related due to the necessary stearic complementarity of the two, they are distinct inventions because they are physically and functionally distinct chemical entities, and because the polypeptide can be used in another materially different process from the use for production of the antibody, such as in a pharmaceutical composition in its own right, or in assays for the identification of agonists or antagonists.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and the searches required are not coextensive, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

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IF ATTEMPTS TO REACH THE EXAMINER BY TELEPHONE ARE UNSUCCESSFUL, THE EXAMINER'S SUPERVISOR, GARY KUNZ, CAN BE REACHED ON (703) 308-4623.

IF SUBMITTING OFFICIAL CORRESPONDENCE BY FAX, APPLICANTS ARE ENCOURAGED TO SUBMIT OFFICIAL CORRESPONDENCE TO THE FOLLOWING TC 1600 BEFORE AND AFTER FINAL RIGHTFAX NUMBERS:

BEFORE FINAL

(703) 872-9306 (703) 872-9307

AFTER FINAL (703) 872-9307

IN ADDITION TO THE OFFICIAL RIGHTFAX NUMBERS ABOVE, THE TC 1600 FAX CENTER HAS THE FOLLOWING OFFICIAL FAX NUMBERS: (703) 305-3592, (703) 308-4242 AND (703) 305-3014.

CUSTOMERS ARE ALSO ADVISED TO USE CERTIFICATE OF FACSIMILE PROCEDURES WHEN SUBMITTING A REPLY TO A NON-FINAL OR FINAL OFFICE ACTION BY FACSIMILE (SEE 37 CFR 1.6 AND 1.8).

FAXED DRAFT OR INFORMAL COMMUNICATIONS SHOULD BE DIRECTED TO THE EXAMINER AT (703) 308-0294.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0196.

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Power Romes
DAVID ROMEO

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PRIMARY EXAMINER
ART UNIT 1647

DSR

FEBRUARY 10, 2003